

SIGAda Awards



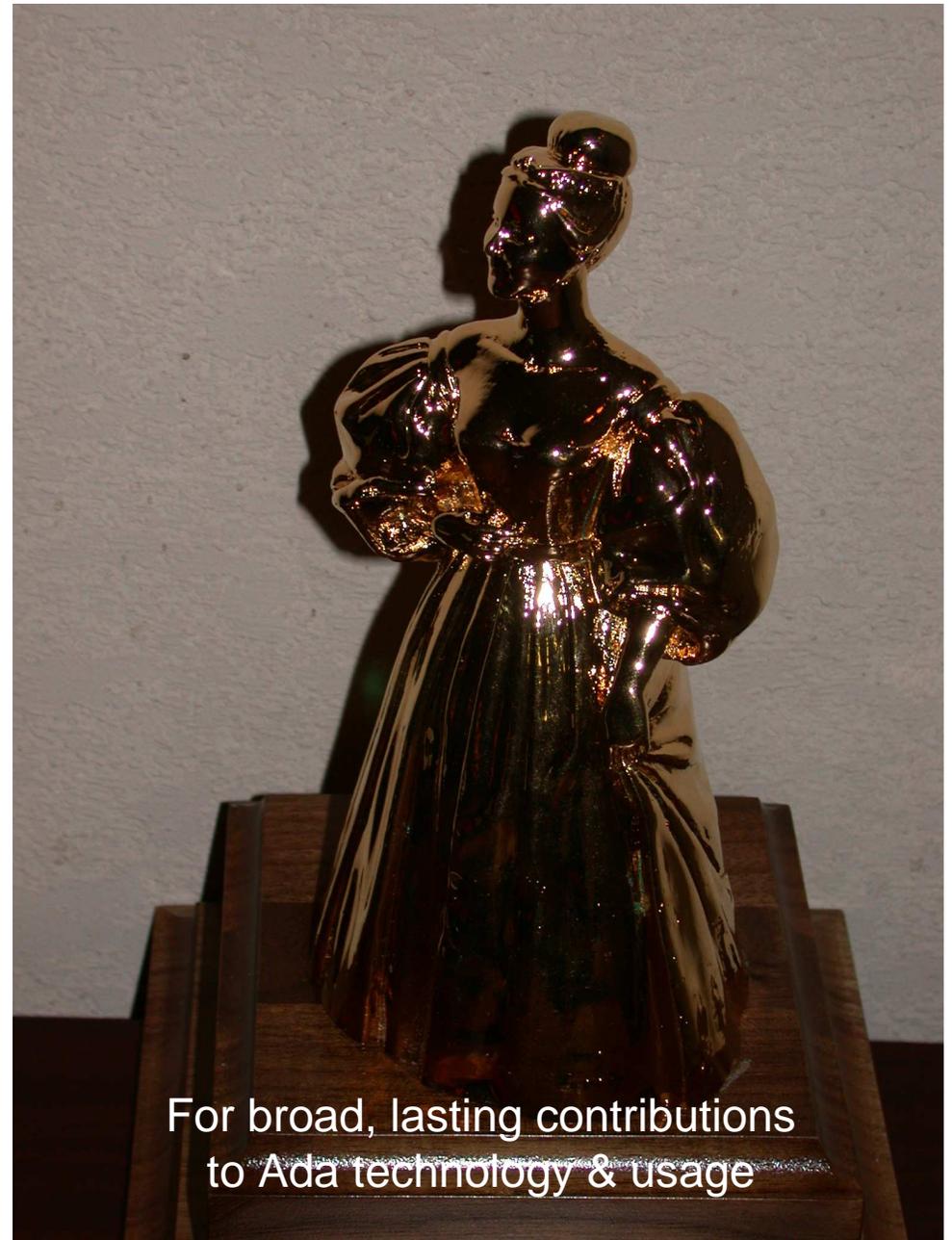
2007



Outstanding Ada Community Contribution Award

33 Previous Recipients

Christine Anderson	Jean Ichbiah
Ted Baker	Magnus Kempe
John Barnes	Pascal Leroy
Grady Booch	Bob Mathis
Kenneth L. Bowles	Charles McKay
Ben Brosgol	Jim Moore
Randy Brukardt	Emmett Paige, Jr.
Alan Burns	Erhard Ploedereder
Martin Carlisle	Richard Riehle
Richard Conn	Edmond Shonberg
Dirk Craeynest	SPARK Team
Robert Dewar	Alfred Strohmeier
Robert Duff	Tucker Taft
David Emery	Joyce Tokar
John Goodenough	Andy Wellings
Hal Hart	William Whitaker
Audrey Hook	
Michael González Harbour	



For broad, lasting contributions
to Ada technology & usage

Karl Nyberg (page 1)

- Is perhaps best known for the *Annotated Ada Reference Manual*, a best seller that raised the bar for the Ada community, and programming languages in general, by including the Ada commentaries in-line with the ISO standard reference manual.
- Most recently, Karl provided substantial exposure of Ada to the larger community, when his application, written in Ada, was selected by Sun Microsystems for the award of a \$15k 8-core computer. In doing so, Karl demonstrated how effective Ada can be in developing concurrent applications.
 - Karl will be speaking on this project this afternoon

Karl Nyberg (page 2)

- He was a member of the Federal Advisory Board on Ada and contributed to parts of the Ada95 preparatory work
- Karl also contributed to IEEE 1003.5 (POSIX Ada Binding)
 - Received the IEEE Pioneering award for this work
- He published other Ada reference materials including a monthly newsletter and industry guide
 - Ada Sources and Resources
 - Lest we forget, there was once a commercial magazine (Journal of Pascal, Ada, and Modula II) where Karl was a columnist.
- Karl ran the early Info-Ada distribution list.
- He has been involved in local DC SIGAda activities, with probably 20 years of presentations!

Jean-Pierre Rosen (page 1)

- Has been involved with many aspects of Ada for a very long time. He now specializes in high level training, expertise and consulting in the domains of the Ada language, design methods, and software engineering in general.
- Jean-Pierre is an expert in the Ada language and in object oriented techniques. He wrote the books
 - *Méthodes de Génie Logiciel avec Ada 95* (Software Engineering Methods with Ada 95).
 - *HOOD: an Industrial Approach for Software Design*, the official book for the HOOD method.
- He is very active in promoting Ada in the open source community, among others by providing many freely available Ada components, not in the least the ASIS-based AdaControl tool.

Jean-Pierre Rosen (page 2)

- He was actively involved in the definition effort of Ada 95, by participating into international standardization meetings, the development of the GNAT compiler, and the reviewing of the validation suite. As the head of delegation for France he is still actively involved in the Ada standardization work of ISO's WG9.
- Jean-Pierre has a long track record in the Ada community and in Ada promotion
 - officer in various organizations such as Ada-France, Ada-Europe, and ACM SIGAda
 - as organizer, program chair, or program committee member of various Ada related events, such as the Ada-Europe and SIGAda conferences
 - delivering many paper and tutorial presentations; by responding to questions in Ada-related newsgroups such as `comp.lang.ada` and `fr.comp.lang.ada`

The GNAT Team (page 1)

- It is difficult to imagine a single team or organization that has done more to sustain and develop the use of Ada in the last 12 years than the GNAT team. Starting at NYU under the auspices of the Ada9X project, the GNAT Team were tasked with producing a reference open-source implementation of Ada95.
- Later, within AdaCore Technologies, the team went much further, providing professional-grade supported products and showing that open-source offered a novel and profitable business model for a software tools company.

The GNAT Team (page 2)

- The open and wide availability of the public versions of GNAT have helped to sustain Ada as a viable software development technology in the wider software community.
 - Most major Linux distributions now ship with GNAT in some form or other, and GNAT is a fully-fledged first-class member of the GCC family of compilers.
- The GNAT team are renowned in the Ada community for the pace and agility of their efforts - the number of firsts achieved by the team is almost too long to enumerate, but includes
 - the first all-annexes implementation of Ada95
 - the first complete implementation of Ada2005.

The GNAT Team (page 3)

- The GNAT team's efforts have also seen a renaissance of Ada in university teaching of real-time, embedded and high-integrity software engineering through the GAP program.
- It's difficult to imagine the world of Ada without GNAT.